

NC Division of Waste Management - Solid Waste Section

Landfill Gas Monitoring Data Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Facility Name: Lee County Landfill Permit Number: 53-01

Date of Sampling: 5/15/15 NC Landfill Rule (.0500 or .1600): .0500

Name and Position of Sample Collector: Joseph T. Cherry, Solid Waste Superintendent

Type and Serial Number of Gas Meter: RKI GX-2003 Factory
954010278RN Calibration Date of Gas Meter: 9/4/14

Date and Time of Field Calibration: 5/15/15 8:05 am

Type of Field Calibration Gas (15/15 or 35/50): _____ Expiration Date of Field Calibration Gas Canister: 7/2015

Pump Rate of Gas Meter: T90 within 30 seconds

Ambient Air Temperature: 66.4 Barometric Pressure: 29.75 General Weather Conditions: Cool/Overcast

Instructions: Under "Location or LFG Well" identify the monitoring wells or describe the location for other tests (e.g., inside buildings). A drawing showing the location of test must be attached. Report methane readings in both % LEL and % methane by volume. A reading in percent methane by volume can be converted to % LEL as follows: % methane by volume = % LEL/20

Location or LFG Well ID	Sample Tube Purge	Time AM	Time Pumped (s)	Initial %LEL	Stabilized %LEL	%CH4 by Volume	%O2	%CO2	Notes
M17	>1 min	8:21	>1 min	0	0	0	20.9	0	
M21	>1 min	10:15	>1 min	0	0	0	20.9	0	
M22	>1 min	10:06	>1 min	0	0	0	20.9	0	
M23	>1 min	9:57	>1 min	0	0	0	20.9	0	
M25	>1 min	8:30	>1 min	0	0	0	20.9	0	
M28	>1 min	9:00	>1 min	0	0	0	20.9	0	
M31	>1 min	9:09	>1 min	0	0	0	20.9	0	
M34	>1 min	9:42	>1 min	0	0	0	20.9	0	M34 to replace M33
M36	>1 min	9:03	>1 min	0	100	>5%	20.9	0	
Sc Hse	>1 min	10:30	>1 min	0	0	0	20.9	0	

If your facility has more gas monitoring locations than there is room on this form, please attach additional sheets listing the same information as contained on this form.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

SIGNATURE

Solid Waste Superintendent
TITLE

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M1	>1 min	8:25	>1 min	0	0	0	20.9	0	
M3	>1 min	8:34	>1 min	0	0	0	20.6	0	
M4	>1 min	8:41	>1 min	0	0	0	20.9	0	
M6	>1 min	8:55	>1 min	0	0	0	20.9	0	
M7	>1 min	8:50	>1 min	0	0	0	19.7	0	
M11	>1 min	9:15	>1 min	0	0	0	20.9	0	
M12	>1 min	9:19	>1 min	0	0	0	20.9	0	
M14	>1 min	9:50	>1 min	0	0	0	20.9	0	
M15	>1 min	8:11	>1 min	0	0	0	20.9	0	
M16	>1 min	8:16	>1 min	0	0	0	20.9	0	

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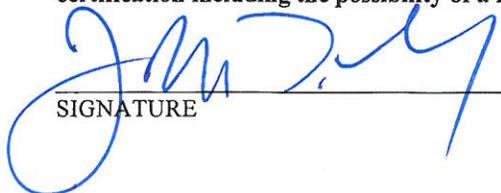
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Att Bld	>1 min	10:17	>1 min	0	0	0	20.9	0	
Trailer	>1 min	10:27	>1 min	0	0	0	20.9	0	
Maint	>1 min	10:22	>1 min	0	0	0	20.9	0	

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Solid Waste Superintendent

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BORING LOG/MONITORING WELL INSTALLATION DETAIL

Contractor: TerraQuest

Date Started: 3/27/08

Boring Number:

Drill Method: Hand Auger

Date Finished: 3/27/08

M33

Driller: Nick Perry

Logged by: Andy Wrenn

Sample	Blow Counts	Completion	OVM (ppm)	Depth Feet	Lithology	Description
				5		<p>SAND WITH SILT (SC) Mostly loose, fine to medium-grained, tan to brown sand with varying amounts of silt and clay.</p> <p>Boring terminated 5' BGL</p>

Scale as shown; Hatch pattern denotes soil sample depth;
 Solid denotes lab sample depth; Lithology hatch pattern legend is attached;
Well Construction
 2" diameter Sch. 40 PVC; .010" slotted screen
 Sand: no. 2 sand; Grout: poured portland; Bentonite: poured pellets
 Finished with 3' of 2"-diameter riser above ground level and an aluminum stickup
 NA - Not Applicable; BGL - Below Ground Level

Site:
 Lee County Landfill
 331 Landfill Road
 Sanford, NC 27331
Client:
 Lee County
 805 S. Fifth Street
 Sanford, NC 27331

Project No.: 02296

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BORING LOG/MONITORING WELL INSTALLATION DETAIL

Contractor: TerraQuest

Date Started: 3/27/08

Boring Number:

Drill Method: Hand Auger

Date Finished: 3/27/08

M34

ENVIRONMENTAL CONSULTANTS, P.C.

Driller: Nick Perry

Logged by: Andy Wrenn

Sample	Blow Counts	Completion	OVM (ppm)	Depth Feet	Lithology	Description
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